



STIC Search Report

EIC 3600

STIC Database Tracking Number: 98792

TO: Andrea Chop
Location: CPK5 2A23
Art Unit : 3677
Wednesday, July 16, 2003

Case Serial Number: 09/771430

From: Bode Akintola
Location: EIC 3600
PK5-Suite 804, 8A01
Phone: 308-6150

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Search Notes

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Andrea Chop Examiner #: 72264 Date: 7/14/03
 Art Unit: 3677 Phone Number 305-6358 Serial Number: 09/771430
 Mail Box and Bldg/Room Location: CPK5-2A23 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Hang Tag
 Inventors (please provide full names): Christopher Doerr, Amiel Hepp, Robert Voss

Earliest Priority Filing Date: 2/18/2000

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A tag with a slotted hole in it; it doesn't matter how the tag is attached or anything, all I need is a tag with the elongated hole, and the hole has to be at least 0.25 inches by 1 in in size. Dependent claim includes a grommet surrounding the hole, and if you could find that too, that would be great. (I already have the particular plastic materials that they are claiming).

Thanks a lot,
 Andrea

STAFF USE ONLY

Type of Search		Vendors and cost where applicable
Searcher: <u>Bode/Mentel</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305 6150</u>	AA Sequence (#) _____	Dialog <u>8714</u>
Searcher Location: <u>5103600</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>7-13-03</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>7-16-03</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>90 mins</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <u>✓</u>
Online Time: <u>15 mins</u>	Other _____	Other (specify) _____

Set	Items	Description
S1	841253	TAG? ? OR BADGE?
S2	2958223	HANG? OR HOLDER?
S3	4343979	SLOT? OR HOLE? ?
S4	1197638	STRAP? OR GROMMET? OR CLIP?
S6	5495	S1(15N)S3
S7	292	S6(20N)S4
S8	27	S7(10N) (DIMENSION? OR DIM OR MM OR CM OR INCH? OR MEASURE? OR ELONGAT? OR RECTANG?)

? show file

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8/3,K/1 (Item 1 from file: 194)
DIALOG(R)File 194:FBODaily
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3986858

CLEAR PLASTIC BADGE HOLDERS SOL 51-SO-BC-9-00027 DUE 082699 POC

Clark Terrell, Contract Spec., Tel. 812-218-3351/Fax. 812-218-3937/email: clark.k.terrell@ccmail.census.gov This is a combined synopsis/solicitation for commercial items prepared in accordance with the format in FAR Subpart 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; proposals are being requested and a written solicitation will not be issued. Solicitation document and incorporated provisions and clauses are those in effect through Federal Acquisition Circular 97-12. This is a small business set-aside, the SIC code is 3861 and the small business size standard is 500 employees. This solicitation is issued as an RFQ. The requirement is as follows: CLIN 0001 is for Clear Plastic Badge Holders, with strap-clip. Strap is mylar, 2.75 inches long, .5 inches wide, female snap .75 inch from end, male snap 1.25 inch from female snap, with attached alligator clip. Holder shall be of clear plastic, sealed on three sides to allow insertion of badge at top. Top has extended curved flap with punched hole centered at top to accommodate strap - clip. Badge size is four inches wide by 2.5 inches high. Samples prior to award may be required. Quotes shall include all costs for all badge holders to be shipped to the Bureau of the Census, National Processing Center, Jeffersonville, Indiana, 47132. Census requires delivery of 200,000 EA NLT 24-SEP-1999. The following provisions and clauses apply to this solicitation: 52.212-1, Instructions to Offerors-Commercial items, 52.212-2, Evaluations-Commercial Items, 52.212-3, Offerors Representations and Certifications-Commercial Items, 52.212-4, Contract Terms and Conditions-Commercial Items, and 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders-Commercial Items. Bids may be fax'd to 812-218-3937. All offers must be received by COB 26-AUG-1999. Award will be made to the responsive bidder offering the lowest cost. In order to be considered responsive, an offeror must bid on the quantities stated. The Government anticipates only one award as a result of this notice. To review FAR Provisions referenced above, visit Web-Site <http://www.arnet.gov/far> Posted 08/12/99 (W-SN367004). (0224)

SPONSOR: Bureau of the Census, National Processing Center, 1201 East Tenth Street, Jeffersonville, Indiana 47132
PUBLICATION DATE: August 16, 1999
ISSUE: PSA-2410

... inches long, .5 inches wide, female snap .75 inch from end, male snap 1.25 inch from female snap, with attached alligator clip. Holder shall be of clear plastic, sealed on three sides to allow insertion of badge at top. Top has extended curved flap with punched hole centered at top to accommodate strap - clip. Badge size is four inches wide by 2.5 inches high. Samples prior to award may be required. Quotes shall include all costs for all...

8/3,K/2 (Item 2 from file: 194)
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3615542

SECURITY SYSTEM DESIGN AND INSTALLATION SOL N66001-97-R-0900 POC POC

Bode Akintola16-Jul-03

Mr. Jim Conwell, Contracting Officer, (619)553-4500. SOURCES SOUGHT NOTICE-
INTEGRATED ELECTRONIC SECURITY SYSTEM This notice is to correct one that
incorrectly appeared under classification 73 in the 26 Oct 96 issue of the
CBD. The Naval Command, Control and Ocean Surveillance Center Research,
Development, Test & Evaluation Division (NRaD) seeks to identify companies
with capabilities in the area of the design and implementation of fully
distributed integrated electronic security systems (ESSs). These ESSs must
utilize existing information systems networks to the maximum extent
possible, provide the required protective functions, read from and write
needed data to a Corporate Database and comply with Department of Defense
(DoD) security regulations. As an installation, NRaD is composed of 500+
acres on the Point Loma peninsula in San Diego plus 70+ acres at the Old
Town Campus (OTC) on the east side of Pacific Highway in San Diego,
approximately 5 miles line-of-sight from the main site. The Point Loma
Campus (PLC) holds more than 300 buildings spread over approximately 10
sites up to 2 miles apart. Fiber optic cabling connects most of these sites
and the major buildings within each site. In many areas some dedicated
fiber is currently available to devote to this security system control and
monitoring. The OTC has four major buildings and four other structures that
have various amounts of fiber optic cabling, twisted pair wiring, etc. to
support security purposes. A secondary parking and equipment storage area,
the West Parking Area (WPA), is located on the west side of Pacific
Highway. Fiber optic cabling connects the WPA with the OTC for access
control and CCTV. Connecting the OTC and the PLC are voice, data, and
Switched 56 circuits via a Navy owned telecommunications network, similar
commercial circuits, and a 10Mbps/sec RF link. At some point in the future
an Asynchronous Transfer Mode (ATM) link will probably be established
between the two main installation campuses. A Corporate Database in Oracle
7 hosted on Unix-based computer supplies most of the essential data which
will be required by the ESS. The purpose of this notice is to inform
companies of NRaD's intent of establishing a sourcing database for possible
requirements in the near future. NRaD seeks to identify companies
demonstrating the capability of designing and implementing an integrated
ESS that will adhere to industry and DoD standards and meet the following
goals: 1.1) a fully distributed, integrated, centrally controlled
electronic security system; 1.2) Automated Functions Subsystem; 1.3) Video
Management Subsystem with digital storage of video; 1.4) Closed Circuit
Television Subsystem with 60-125 cameras; 1.5) Access Control Subsystem
with 275 - 400 cardreaders; 1.6) Facility Graphics Subsystem receiving
periodic updates of installation maps in AutoCad; 1.7) Communications
Subsystem; 1.8) Security Alarm/Intrusion Detection Subsystem with 150-200
alarmed areas; 1.9) Central Control Room manageable by a single contract
guard. Respondents should demonstrate expertise in the following Security
Systems areas: 2.1) Standards Compliance - International, national, or
industry standard operating systems and protocols must be used to ensure
the maximum flexibility available for future upgrades and component
additions. At a minimum, all data communications must be transmitted over
command information systems networks on a shared basis using TCP/IP. It is
desired that all video also be transmitted over these same networks on a
shared basis. Additionally, compliance with Director, Central Intelligence
Directive (DCID) 1/21 for protecting Sensitive Compartmented Information
Facilities is required on portions of the ESS. 2.2) System Design (1) True
multi-tasking capability is required in a Centralized Control Room so that
a single operator having to dispatch roving guards, monitor IDS subsystem
for alarm conditions in numerous alarm zones, observe CCTV monitors as
alarm conditions bring a picture up on the screen, display ACS data for
indications of problems at turnstiles, gates, and doors and using intercom
and/or Public Address as indicated to resolve issues can do so from a
single console with a consistent, easy-to-learn graphical display. Control
room operator must have a system override capability to allow authorized
personnel into selective general areas inside the perimeter and selective

general buildings. (2) A Data Management Subsystem will include: a) Distributed space access list management function. We expect that authorized space custodians will update space access control lists maintained on the Corporate Database. These changes will be reflected in the ESS through the same transfer mechanism as used for information on newly created badges; b) Voice recognition capability for control room dispatcher to dictate the contents of a watch log; c) Presentation of images and data on monitor triggered by alarm conditions or motion detection vice a constant display or a "tour" of images from each camera; d) A Calendar/Clock with automatic scheduling capability that will allow establishment of a holiday schedule based on both date-based holidays and day of the week/month holidays and also permit automatically including every other Friday as part of the overall weekend/holiday schedule. This master calendar will be used to control activation /deactivation of all subsystems and will control the time/date displayed on CCTV systems and appended to any stored files, data or images. (3) A redundant host computer configuration which automatically switches between hosts without any loss of functionality when a failure occurs. A warning must be displayed at the workstation upon loss of communications with any local processor (handshaking on a regular basis). An automatic reboot of distributed components must occur if not performing correctly and the operator must be notified of the occurrence. (4) The CCTV subsystem must consist of the following: a) It is desired that the CCTV subsystem be a completely digital system from cameras to display and storage unit(s). At a minimum the system will support selective cameras with digital signal processing and the storage of the video will be in digital form to permit easily extracting these images for reuse for other purposes; b) The CCTV subsystem must integrate either motion detection or other sensor technology such as thermal imaging or solid state raiders to provide the precise alarm sensing necessary to properly protect a waterfront environment with significant waves or surface "chop"; c) CCTV motion detection must be configurable to permit customizing the alarm monitoring of each camera's output for specific hours of the day. (5) The video management subsystem must: a) Allow the Guard operator to have the option to dictate disk storage whenever he detects activity that might warrant evidentiary storage (during normal working hours periodic checks of each camera, for example); b) Operator must have the capability of conducting an automatic "tour" which presents the images being recorded by all cameras in order. The user should be capable of selecting the time that each camera will be visible during this tour; c) Provide alarm condition activation that will permit having monitors blank except when alarm or motion activated or when the operator wants to view a scene. Periods when motion detection is active will be configurable by camera at not longer than 30 minute intervals. d) Provide disk storage for up to four alarming cameras at one time, providing at least four (4) frames per second updating for each of the four (4) cameras or at least twenty (20) frames per second for only a single camera. System will automatically date and time stamp the video and index alarm conditions on the disk (or tape) for easier retrieval and review. JPEG, MJPEG, or MPEG-2 format preferred for storage but will consider other formats if performance or storage capacity is enhanced. System should support both capture and playback at these frame rates. System must also support a frame-by-frame playback of events to permit identification of best image frame and off-load onto other media or downloading to other computers. Total disk storage must support at least 30 minutes of alarm activity and operator-directed storage prior to overwriting. Preferably, the controlling software will permit the system administrator to vary the bit rate and resolution depending on the desired effect. (6) The Access Control Subsystem must support the following features: a) Ability to retrieve or receive updates on new badges from the Corporate Database within 15 seconds of issuance; b) Ability to group access areas into groups or zones as desired by space managers. However, authorizing an individual into several

widely separate access portals (not in any logical or physical group) should not require any "grouping" of readers into coded groups. c) Compliance with the Department of Defense Security Equipment Integration Working Group (SEIWG) Specification 012 for magnetic stripe badge encoding. For badges produced at NRaD, a unique badge credential number will apply to each badge produced; d) Offer at least 10 default access categories so badges are automatically assigned access privileges based on the preassigned category; e) Support integration of mag-stripe on temporary badges produced on-site for automated access; f) Personal Identification Number (PIN) changeable in the field by each user; default PIN automatically provided; g) Antipassback and two-person control; h) Cardreaders with status lights for easier determination of problems; i) Max two second response (one second desired) from cardreader swipe to release of door lock or rejection of request; j) Time Zone and Day of Week control; k) Degraded mode for periods of no communications with local processors. The same review of the badge magnetic stripe will be conducted as when communications are restored; l) Two-volume local alarms for doors left open too long; m) PIN optional on a per door basis; n) Local panel tamper switches; o) Signaling protocols supported by NRaD routers and bridges (TCP/IP); p) Separate control of the portion of the system which controls SCIF doors; q) Local ACS processors store records on at least 20K permanent and temporary badges; r) "Guard tour" function supported; s) Supports traditional hardwired communications to intelligent local panels, Consumer Electronics Bus (CEBus) (preferred) or LONWorks (Echelon Corp) powerline signaling, and wireless RF communications, all on the same network; t) Capable of deactivating exterior motion sensors of automatic doors simultaneously with activation of ACS cardreader (auto door during working hours reverts to ACS controlled after-hours); u) Use a distributed intelligence concept where access requests are handled by local intelligent panels which either receive access lists directed from the NCDB or via the system host computer(s); v) Cardreaders must accept high coercivity magnetic stripe badges; w) Cardreaders must accept (without removal of the **strap**) swipes of **badges** sized 3 3/8 inches X 2 1/8 inches in vertical format with a **slot strap** centered at the top; x) Permit easily "tracking" use of a particular **badge** throughout the system for near instantaneous reporting of the location of a suspect individual; y) Permit variable open door times configurable individually; z) Support the assignment of two badges per person (a permanent badge and a temporary) with different badge numbers; (7) A Facility Graphics subsystem will provide: a) A graphical map of locations of ACS, CCTV and alarm components, to include sub-maps if necessary, to clearly display to monitoring personnel the location of each such item in a building or on the installation; b) Must be able to import an initial AutoCad graphical map and periodic updates which include new buildings. Updates should not require re-inputting the locations of IDS, CCTV and ACS subsystem sensors previously entered. (8) The Communications Subsystem must utilize the existing network infrastructure consisting of Fiber Optics, Ethernet and twisted pair. Features of the Communications Subsystem will include paging/intercom, Public Address, and a government-supplied radio base station. a) A two-way intercom will permit personnel encountering difficulty at selective ACS control points to converse with monitoring personnel; b) A Public Address system will provide a voice broadcast capability for evacuating selective buildings or directing intruders out of the waterfront security zone; c) The radio system will be supplied by NRaD but it must be integrated into the console and the communications over it must be tied to other stored event information. (9) The Security Alarm/Intrusion Detection Subsystem will: a) Monitor spaces which house classified material stored openly or other sensitive spaces. Spaces monitored by alarms may also have ACS cardreaders on the doors. Where both cardreaders and alarms are required, the Personnel Identification Number used for the ACS must also globally apply to any alarm zones. Mandatory use

of a separate PIN is not acceptable. b) Automatically trigger CCTV cameras in the location of alarm conditions in IDS or ACS subsystems. c) Provide for the integration of video motion detection or portable radar units for the purpose of detecting boat intrusions into a waterfront security zone; d) Integrate duress buttons located in selective spaces; e) Provide for prioritized alarm display on the central console. 2.3) System Integration - Integrated system (not interfaced) is necessary to ensure that: (1) Alarm conditions in the IDS or ACS (door open too long, forced entry, tamper switch activation, invalid badge) subsystems or activating an intercom panel will automatically trigger applicable CCTV cameras to display what is occurring in the applicable area; (2) Intercom and radio communications will be automatically stored and indexed to other activity occurring in the system. This would permit review of an incident at an access point which included not only the date and time of an alarm condition at a cardreader but would also display the CCTV image of what happened; superimpose any intercom communications with the person at the cardreader; or radio communication to guards dispatched to the site. Hence, the complete sequence of events is preserved and available from one source. The ESS must be able to prioritize alarms for each subsystem as part of a master priority scheme. (3) All subsystems of the ESS will get required data real-time directly from the Corporate (Oracle 7) Database via SQLNet using standard ODBC drivers. Interested parties should submit a description of qualifications with respect to the foregoing. Responses of more than 10 pages of written text must include an executive summary of 5 pages or less. There is no page limit for brochures, publications, resumes and other attachments. Responses are required on or before 10/30/96. Mail responses to: NCCOSC RDTE DIV 035; Attn: Dorothy Heidelberger, Code 03501; 53570 Silvergate Ave., Rm 2223; San Diego, CA 92152-5260. Facsimile and telephone responses will not be accepted. This notice is to assist NRaD in determining the availability of systems meeting the above specification and the potential for competition. Request that potential offerors indicate whether they are a large, small, or small disadvantaged business. The Standard Industry Classification is 7382, \$9.0 Million. No solicitation is currently available. (0278)

SPONSOR: NCCOSC RDTE Division, Code D214B, 53570 Silvergate Avenue, Bldg. A33, San Diego, CA 92152-5113

PUBLICATION DATE: OCTOBER 8, 1996

ISSUE: PSA-1696

... must accept high coercivity magnetic stripe badges; w) Cardreaders must accept (without removal of the **strap**) swipes of **badges** sized 3 3/8 **inches** X 2 1/8 **inches** in vertical format with a **slot strap** centered at the top; x) Permit easily "tracking" use of a particular **badge** throughout the system for near instantaneous reporting of the location of a suspect individual; y...

8/3,K/3 (Item 3 from file: 194)

DIALOG(R) File 194:FBODaily

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3610260

SECURITY SYSTEM SERVICES SOL N66001-97-R-0900 POC

Contracting Officer, Jim Conwell, (619)553-4500. REQUEST FOR INFORMATION INTEGRATED ELECTRONIC SECURITY SYSTEM: The Naval Command, Control and Ocean Surveillance Center Research, Development, Test & Evaluation Division (NRaD) seeks to identify companies with capabilities in the area of the design and implementation of fully distributed integrated electronic security systems (ESSs). These ESSs must utilize existing information systems networks to the maximum extent possible, provide the required protective functions, read from and write needed data to a Corporate

Bode Akintola16-Jul-03

Database and comply with Department of Defense (DoD) security regulations. As an installation, NRaD is composed of 500+ acres on the Point Loma peninsula in San Diego plus 70+ acres at the Old Town Campus (OTC) on the east side of Pacific Highway in San Diego, approximately 5 miles line-of-sight from the main site. The Point Loma Campus (PLC) holds more than 300 buildings spread over approximately 10 sites up to 2 miles apart. Fiber optic cabling connects most of these sites and the major buildings within each site. In many areas some dedicated fiber is currently available to devote to this security system control and monitoring. The OTC has four major buildings and four other structures that have various amounts of fiber optic cabling, twisted pair wiring, etc. to support security purposes. A secondary parking and equipment storage area, the West Parking Area (WPA), is located on the west side of Pacific Highway. Fiber optic cabling connects the WPA with the OTC for access control and CCTV. Connecting the OTC and the PLC are voice, data, and Switched 56 circuits via a Navy owned telecommunications network, similar commercial circuits, and a 10Mbps/sec RF link. At some point in the future an Asynchronous Transfer Mode (ATM) link will probably be established between the two main installation campuses. A Corporate Database in Oracle 7 hosted on Unix-based computer supplies most of the essential data which will be required by the ESS. The purpose of this notice is to inform companies of NRaD's intent of establishing a sourcing database for possible requirements in the near future. NRaD seeks to identify companies demonstrating the capability of designing and implementing an integrated ESS that will adhere to industry and DoD standards and meet the following goals: 1.1) a fully distributed, integrated, centrally controlled electronic security system; 1.2) Automated Functions Subsystem; 1.3) Video Management Subsystem with digital storage of video; 1.4) Closed Circuit Television Subsystem with ?? - ?? cameras; 1.5) Access Control Subsystem with 275 - 400 cardreaders; 1.6) Facility Graphics Subsystem receiving periodic updates of installation maps in AutoCad; 1.7) Communications Subsystem; 1.8) Security Alarm/Intrusion Detection Subsystem with 150-200 alarmed areas; 1.9) Central Control Room manageable by a single contract guard. Respondents should demonstrate expertise in the following Security Systems areas: 2.1) Standards Compliance - International, national, or industry standard operating systems and protocols must be used to ensure the maximum flexibility available for future upgrades and component additions. At a minimum, all data communications must be transmitted over command information systems networks on a shared basis using TCP/IP. It is desired that all video also be transmitted over these same networks on a shared basis. Additionally, compliance with Director, Central Intelligence Directive (DCID) 1/21 for protecting Sensitive Compartmented Information Facilities is required on portions of the ESS. 2.2) System Design (1) True multi-tasking capability is required in a Centralized Control Room so that a single operator having to dispatch roving guards, monitor IDS subsystem for alarm conditions in numerous alarm zones, observe CCTV monitors as alarm conditions bring a picture up on the screen, display ACS data for indications of problems at turnstiles, gates, and doors and using intercom and/or Public Address as indicated to resolve issues can do so from a single console with a consistent, easy-to-learn graphical display. Control room operator must have a system override capability to allow authorized personnel into selective general areas inside the perimeter and selective general buildings. (2) A Data Management Subsystem will include: a) Distributed space access list management function. We expect that authorized space custodians will update space access control lists maintained on the Corporate Database. These changes will be reflected in the ESS through the same transfer mechanism as used for information on newly created badges; b) Voice recognition capability for control room dispatcher to dictate the contents of a watch log; c) Presentation of images and data on monitor triggered by alarm conditions or motion detection vice a constant display or a "tour" of images from each camera;

d) A Calendar/Clock with automatic scheduling capability that will allow establishment of a holiday schedule based on both date-based holidays and day of the week/month holidays and also permit automatically including every other Friday as part of the overall weekend/holiday schedule. This master calendar will be used to control activation /deactivation of all subsystems and will control the time/date displayed on CCTV systems and appended to any stored files, data or images. (3) A redundant host computer configuration which automatically switches between hosts without any loss of functionality when a failure occurs. A warning must be displayed at the workstation upon loss of communications with any local processor (handshaking on a regular basis). An automatic reboot of distributed components must occur if not performing correctly and the operator must be notified of the occurrence. (4) The CCTV subsystem must consist of the following: a) It is desired that the CCTV subsystem be a completely digital system from cameras to display and storage unit(s). At a minimum the system will support selective cameras with digital signal processing and the storage of the video will be in digital form to permit easily extracting these images for reuse for other purposes; b) The CCTV subsystem must integrate either motion detection or other sensor technology such as thermal imaging or solid state raiders to provide the precise alarm sensing necessary to properly protect a waterfront environment with significant waves or surface "chop"; c) CCTV motion detection must be configurable to permit customizing the alarm monitoring of each camera's output for specific hours of the day. (5) The video management subsystem must: a) Allow the Guard operator to have the option to dictate disk storage whenever he detects activity that might warrant evidentiary storage (during normal working hours periodic checks of each camera, for example); b) Operator must have the capability of conducting an automatic "tour" which presents the images being recorded by all cameras in order. The user should be capable of selecting the time that each camera will be visible during this tour; c) Provide alarm condition activation that will permit having monitors blank except when alarm or motion activated or when the operator wants to view a scene. Periods when motion detection is active will be configurable by camera at not longer than 30 minute intervals. d) Provide disk storage for up to four alarming cameras at one time, providing at least four (4) frames per second updating for each of the four (4) cameras or at least twenty (20) frames per second for only a single camera. System will automatically date and time stamp the video and index alarm conditions on the disk (or tape) for easier retrieval and review. JPEG, MJPEG, or MPEG-2 format preferred for storage but will consider other formats if performance or storage capacity is enhanced. System should support both capture and playback at these frame rates. System must also support a frame-by-frame playback of events to permit identification of best image frame and off-load onto other media or downloading to other computers. Total disk storage must support at least 30 minutes of alarm activity and operator-directed storage prior to overwriting. Preferably, the controlling software will permit the system administrator to vary the bit rate and resolution depending on the desired effect. (6) The Access Control Subsystem must support the following features: a) Ability to retrieve or receive updates on new badges from the Corporate Database within 15 seconds of issuance; b) Ability to group access areas into groups or zones as desired by space managers. However, authorizing an individual into several widely separate access portals (not in any logical or physical group) should not require any "grouping" of readers into coded groups. c) Compliance with the Department of Defense Security Equipment Integration Working Group (SEIWG) Specification 012 for magnetic stripe badge encoding. For badges produced at NRaD, a unique badge credential number will apply to each badge produced; d) Offer at least 10 default access categories so badges are automatically assigned access privileges based on the preassigned category; e) Support integration of mag-stripe on temporary badges produced on-site for automated access; f) Personal Identification

Number (PIN) changeable in the field by each user; default PIN automatically provided; g) Antipassback and two-person control; h) Cardreaders with status lights for easier determination of problems; i) Max two second response (one second desired) from cardreader swipe to release of door lock or rejection of request; j) Time Zone and Day of Week control; k) Degraded mode for periods of no communications with local processors. The same review of the badge magnetic stripe will be conducted as when communications are restored; l) Two-volume local alarms for doors left open too long; m) PIN optional on a per door basis; n) Local panel tamper switches; o) Signaling protocols supported by NRaD routers and bridges (TCP/IP); p) Separate control of the portion of the system which controls SCIF doors; q) Local ACS processors store records on at least 20K permanent and temporary badges; r) "Guard tour" function supported; s) Supports traditional hardwired communications to intelligent local panels, Consumer Electronics Bus (CEBus) (preferred) or LONWorks (Echelon Corp) powerline signaling, and wireless RF communications, all on the same network; t) Capable of deactivating exterior motion sensors of automatic doors simultaneously with activation of ACS cardreader (auto door during working hours reverts to ACS controlled after-hours); u) Use a distributed intelligence concept where access requests are handled by local intelligent panels which either receive access lists directed from the NCDB or via the system host computer(s); v) Cardreaders must accept high coercivity magnetic stripe badges; w) Cardreaders must accept (without removal of the **strap**) swipes of **badges** sized 3 3/8 inches X 2 1/8 inches in vertical format with a **slot strap** centered at the top; x) Permit easily "tracking" use of a particular **badge** throughout the system for near instantaneous reporting of the location of a suspect individual; y) Permit variable open door times configurable individually; z) Support the assignment of two badges per person (a permanent badge and a temporary) with different badge numbers; 7) A Facility Graphics subsystem will provide: a) A graphical map of locations of ACS, CCTV and alarm components, to include sub-maps if necessary, to clearly display to monitoring personnel the location of each such item in a building or on the installation; b) Must be able to import an initial AutoCad graphical map and periodic updates which include new buildings. Updates should not require re-inputting the locations of IDS, CCTV and ACS subsystem sensors previously entered. (8) The Communications Subsystem must utilize the existing network infrastructure consisting of Fiber Optics, Ethernet and twisted pair. Features of the Communications Subsystem will include paging/intercom, Public Address, and a government-supplied radio base station. a) A two-way intercom will permit personnel encountering difficulty at selective ACS control points to converse with monitoring personnel; b) A Public Address system will provide a voice broadcast capability for evacuating selective buildings or directing intruders out of the waterfront security zone; c) The radio system will be supplied by NRaD but it must be integrated into the console and the communications over it must be tied to other stored event information. (9) The Security Alarm/Intrusion Detection Subsystem will: a) Monitor spaces which house classified material stored openly or other sensitive spaces. Spaces monitored by alarms may also have ACS cardreaders on the doors. Where both cardreaders and alarms are required, the Personnel Identification Number used for the ACS must also globally apply to any alarm zones. Mandatory use of a separate PIN is not acceptable. b) Automatically trigger CCTV cameras in the location of alarm conditions in IDS or ACS subsystems. c) Provide for the integration of video motion detection or portable radar units for the purpose of detecting boat intrusions into a waterfront security zone; d) Integrate duress buttons located in selective spaces; e) Provide for prioritized alarm display on the central console. 2.3) System Integration - Integrated system (not interfaced) is necessary to ensure that: (1) Alarm conditions in the IDS or ACS (door open too long, forced entry, tamper switch activation, invalid badge) subsystems or activating an intercom

panel will automatically trigger applicable CCTV cameras to display what is occurring in the applicable area; (2) Intercom and radio communications will be automatically stored and indexed to other activity occurring in the system. This would permit review of an incident at an access point which included not only the date and time of an alarm condition at a cardreader but would also display the CCTV image of what happened; superimpose any intercom communications with the person at the cardreader; or radio communication to guards dispatched to the site. Hence, the complete sequence of events is preserved and available from one source. The ESS must be able to prioritize alarms for each subsystem as part of a master priority scheme. (3) All subsystems of the ESS will get required data real-time directly from the Corporate (Oracle 7) Database via SQLNet using standard ODBC drivers. Interested parties should submit a description of qualifications with respect to the foregoing. Responses of more than 10 pages of written text must include an executive summary of 5 pages or less. There is no page limit for brochures, publications, resumes and other attachments. Responses are required on or before 10/30/96. Mail responses to: NCCOSC RDTE DIV 035; Attn: Dorothy Heidelberger, Code 03501; 53570 Silvergate Ave., Rm 2223; San Diego, CA 92152-5260. Facsimile and telephone responses will not be accepted. This notice is to assist NRaD in determining the availability of systems meeting the above specification and the potential for competition. Request that potential offerors indicate whether they are a large, small, or small disadvantaged business. The Standard Industry Classification is 7382, \$9.0 Million. No solicitation is currently available. (0268)

SPONSOR: NCCOSC RDTE Division, Code 214B, 53570 Silvergate Avenue, Bldg. A33, San Diego, CA 92152-5113

PUBLICATION DATE: SEPTEMBER 26, 1996

ISSUE: PSA-1688

... must accept high coercivity magnetic stripe badges; w) Cardreaders must accept (without removal of the **strap**) swipes of **badges** sized 3 3/8 **inches** X 2 1/8 **inches** in vertical format with a **slot strap** centered at the top; x) Permit easily "tracking" use of a particular **badge** throughout the system for near instantaneous reporting of the location of a suspect individual; y...

8/3,K/4 (Item 4 from file: 194)

DIALOG(R)File 194:FBODaily

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3462662

ELECTRONIC BADGING ACCESS CARD SYSTEM SOL N68836-95-Q-C585 DUE 083095 POC

Contact, Carolyn Williams, Code 210.23, 904/779-3052, Or Contracting Officer, Janell G. Palmer, Code 210.20, 904/779-3069 The proposed contract action is for supplies for which the Government intends to solicit only one source, Lamination Services, Inc., 4040 Willow Lake Blvd, P. O. Box 750365, Memphis, TN 38175-0365 for an Electronic Badging Access Card System ID Badge Form, PVC ID Cards, Type: Video Grade PVC Core, Size: CR80 (3.375" x 2.125"), 0.03" thickness, Core: White, Signature Panel, Features on Reverse (back of card): Magnetic Stripe - High Coercivity, Track 1, 2 and 3 Recordable, 0.5" wide, Preprinted Return Address, qty 38,000 EA-- Print Ribbons for Electronic Badging Access Card System, ribbon for Fargo Personna Hi Mag Printer, five panel Cymko black resin with clear overlay (allows bar code to be read by IR scanner), qty 38,000 EA, qty 155 RO--Mylar **Badge Clip**, **strap** slips through **slotted badge** opening, snaps closed and may be quickly removed, clear color with **clip** on end, qty 38,000 EA--Metal Chain, 30 **inches** long, No. 3 style, nickel-plated bead chain, qty 38,000 EA--F.O.B Destination Jacksonville, FL--Delivery within 10 days after award--SIC 3861, size standard 500 employees--All

responsible sources may submit a quotation which will be considered by the agency--The RFQ may be requested via fax at 904/779-3061, Attn: C. Williams, Code 210.23, include CAGE Code--Quotes will be solicited only from small business concerns, all other will be considered nonresponsive and rejected, any award resulting from this quotation will be made to a small business--Requirement is solicited under Simplified Acquisition Procedures, the deadline for requesting the RFQ is 30 Aug 95. Note 22 applies (0221)

SPONSOR: Fleet and Industrial Supply Center, Contracting Department, P.O. Box 97A, Jacksonville, FL 32212-0097

PUBLICATION DATE: AUGUST 11, 1995

ISSUE: 1408

...code to be read by IR scanner), qty 38,000 EA, qty 155 RO--Mylar **Badge Clip**, **strap** slips through **slotted badge** opening, snaps closed and may be quickly removed, clear color with **clip** on end, qty 38,000 EA--Metal Chain, 30 **inches** long, No. 3 style, nickel-plated bead chain, qty 38,000 EA--F.O.B...

8/3,K/5 (Item 5 from file: 194)

DIALOG(R)File 194:FBODaily

(c) format only 2003 The Dialog Corp. All rts. reserv.

1937021

OFFSET PRINTING

Jacket No 549-608. BOD 2/22/88. Contact Mike Sommer 614/469-5188, Contracting Officer Robert G. Seilbert 614/469-6884. Normal Bid for U.S Air Force/AFLC, Wright-Patterson AFB, OH. Nationwide Production area 7,5000,000 Tags Trim size 7-3/8'' X 3-1/4''. Print head to head in black ink. Contractor to furnish manila **tag** 13-15 CSU Drilled **hole** with fiber patch and **clipper** corners at top. One perforation along the 3-1/4'' **dimension**, six digit consecutive numbering required in two places on face side negatives furnished. Inner packs of 1,000 with 3,000 per container. Palletize total qty FOB Bengies, MD. Bid request on firms letterhead while supply lasts. (034)

SPONSOR: U.S Government Printing Office, Columbus Regional Printing Procurement Office, Federal Bldg, Room 614, 200 North High St, columbus, OH 43215

PUBLICATION DATE: FEBRUARY 8, 1988

ISSUE: PSA-9522

...X 3-1/4''. Print head to head in black ink. Contractor to furnish manila **tag** 13-15 CSU Drilled **hole** with fiber patch and **clipper** corners at top. One perforation along the 3-1/4'' **dimension**, six digit consecutive numbering required in two places on face side negatives furnished. Inner packs...

8/3,K/6 (Item 1 from file: 279)

DIALOG(R)File 279:CLAIMS(Ontap)

(c) 1995 IFI/CLAIMS(r) Patent Services. All rts. reserv.

1428202 2241194

M/GOLF SCORE CARD AND PENCIL HOLDER

Inventors: DARNELL RANDOLPH G (US)

Assignee: UNASSIGNED OR ASSIGNED TO INDIVIDUAL

Assignee Code: 68000

	Kind	Publication Number	Date	Application Number	Date
	A	US 4361934	19821207	US 80176927	19800811
		(Cited in 008 later patents)			
Priority Applic:				US 80176927	19800811

Abstract: ...and pencil holder is disclosed including a main body portion in the form of a **tag** provided with a loop, an **elongated** cord laced through **holes** provided in the main body portion, a split ring linked with the loop, an alligator **clip** attached to one end of the cord, and a flexible grommet attached to the other...

8/3,K/7 (Item 1 from file: 340)
 DIALOG(R) File 340:CLAIMS(R)/US Patent
 (c) 2003 IFI/CLAIMS(R). All rts. reserv.

10270747 2003-0015149

M/IDENTIFICATION TAG APPARATUS

Inventors: Krey Annette Y (US); Krey Matthew C (US)
 Assignee: Unassigned Or Assigned To Individual
 Assignee Code: 68000

	Kind	Publication Number	Date	Application Number	Date
	A1	US 20030015149	20030123	US 2002172379	20020613
Priority Applic:				US 2002172379	20020613
Provisional Applic:				US 60-298229	20010613

Abstract: ...more elongated attachment bands can form the closed loop. Fasteners are used to retain the **tag** assembly in a closed loop when secured to the animal. The fasteners include mounting **holes** on the margin of the **tag** body or on the **elongated** attachment band(s). These **holes** selectively mount on retention posts, and retention **grommets** are then locked on the retention posts. The retention posts may have pointed heads to...

Non-exemplary Claims: ...43 wherein means for securing said tag body includes a retention post and a retention **grommet** associated with said tag body and at least one **elongated** band extending from said **tag** body and having a plurality of mount **holes** adapted to engage said retention post...

8/3,K/8 (Item 2 from file: 340)
 DIALOG(R) File 340:CLAIMS(R)/US Patent
 (c) 2003 IFI/CLAIMS(R). All rts. reserv.

10049738 2001-0049896

M/HANG TAG AND METHOD OF APPLYING HANG TAG TO AN ELONGATED OBJECT

Inventors: Doerr Christopher (US); Hepp Amiel (US); Voss Robert J (US)
 Assignee: Unassigned Or Assigned To Individual
 Assignee Code: 68000

	Kind	Publication Number	Date	Application Number	Date

	A1 US 20010049896 20011213	US 2001771430 20010126
Division of:	US 6267152	US 2000506757 20000218
Priority Applic:		US 2001771430 20010126
		US 2000506757 20000218

Exemplary Claim: ...tag to an elongated object with a machine that is suitable for applying a securement **strap** to an object, said method comprising the steps of: providing a hang **tag** having a **slot** defined therein; aligning said hang **tag** with said machine so that, upon deployment of said machine, the securement **strap** is ejected from said machine so as to pass through said **slot** and attach said hang **tag** to said **elongated** object; and deploying said machine so as to automatically apply said hang tag to said...

Non-exemplary Claims: ...tag to an elongated object with a machine that is suitable for applying a securement **strap** to an object, said method comprising the steps of: providing a hang **tag** having a **slot** defined therein, wherein said **slot** has minimum **dimensions** of at least about 0.25 **inches** by at least about 1 inch; aligning said hang tag with said machine so that, upon deployment of said machine, the securement **strap** is ejected from said machine so as to pass through said **slot** and attach said hang **tag** to said **elongated** object; and deploying said machine so as to automatically apply said hang tag to said...

...14. A hang tag capable of automatically being attached to an **elongated** object by a machine suitable for applying a securement **strap** to an object, the hang **tag** comprising: a first surface, a second surface, and a **slot** defined therebetween, wherein said **slot** has minimum **dimensions** of at least about 0.25 **inches** by about 1 inch...

...25. An apparatus for automatically applying a hang **tag** having a **slot** therein to an **elongated** object by way of a securement **strap**, said apparatus comprising: a mounting apparatus; a tag template capable of receiving a hang tag...

8/3,K/9 (Item 3 from file: 340)

DIALOG(R) File 340:CLAIMS(R)/US Patent

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3549745 4268875

M/HANG TAG AND METHOD OF APPLYING HANG TAG TO AN ELONGATED OBJECT

Inventors: Doerr Christopher (US); Hepp Amiel (US); Voss Robert (US)

Assignee: Wisconsin Label Corp

Assignee Code: 42851

	Kind	Publication Number	Date	Application Number	Date
Priority Applic:	B	US 6267152	20010731	US 2000506757	20000218
				US 2000506757	20000218

Calculated Expiration: 20200218

Exemplary Claim: ...said hang tag with said machine so that, upon deployment of said machine, the securement **strap** is ejected from said machine so that the tail portion passes through said **slot** and aperture in said head portion, and attaches said hang **tag** to said **elongated** object; and deploying said machine so as to automatically thread the tail of the securement **strap** through the aperture in the head portion

and the **slot** so as to apply said hang **tag** to said **elongated** object at a predetermined tension level.

Non-exemplary Claims: ...tag to an elongated object with a machine that is suitable for applying a securement **strap** to an object, said method comprising the steps of: providing a hang **tag** having a **slot** defined therein, wherein said **slot** has minimum **dimensions** of at least about 0.25 **inches** by at least about 1 **inch** ; providing a securement **strap** comprising a head portion defining an aperture therein and a tail portion; aligning said hang tag with said machine so that, upon deployment of said machine, the securement **strap** is ejected from said machine so that the tail portion passes through said **slot** and aperture in said head portion, and attaches said hang **tag** to said **elongated** object; and deploying said machine so as to automatically thread the tail of the securement **strap** through the aperture in the head portion and the **slot** so as to apply said hang **tag** to said **elongated** object at a predetermined tension level...

...14. An apparatus for permanently and automatically applying a hang **tag** having a **slot** therein to an **elongated** object by way of a securement **strap** , said apparatus comprising: a mounting apparatus; a tag template capable of receiving a hang tag...

8/3,K/10 (Item 4 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

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3349049 4117918

M/ARMBAND BADGE HOLDER

Inventors: Tsui Ping (US)

Assignee: Comprehensive Identification Products Inc

	Kind	Publication Number	Date	Application Number	Date
	A	US 6085449	20000711	US 987688	19980115
		(Cited in 001 later patents)			

Priority Applic: US 987688 19980115

Calculated Expiration: 20180115

CERTIFICATE OF CORRECTION: 20010417

Exemplary Claim: ...capturing the wings between the closed end and the opposed notch of the open ended **slots** for removably coupling the **strap** assembly to the **badge** holder pocket, each open ended **slot** having an entry way, the entry way including a straight **elongate** portion that is sized to compress material of the retaining wings during entry and exit.

Non-exemplary Claims: ...capturing the wings between the closed end and the opposed notch of the open ended **slots** for removably coupling the **strap** assembly to the **badge** holder pocket by engaging the passages of the wings, each open ended **slot** having an entry way, the entry way including a straight **elongate** portion that is sized to compress material of the retaining wings during entry and exit...

8/3,K/11 (Item 5 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

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3292286 4073880

M/IDENTIFICATION HOLDER

Inventors: Cosmo Patricia A (US); Harrison Douglas B (US)

Assignee: Integrated ID Systems Inc

(REASSIGNED - See file 123 for details)

	Kind	Publication Number	Date	Application Number	Date
	A	US 6035564	20000314	US 98146609	19980903
Priority Applic:				US 98146609	19980903

Calculated Expiration: 20180903

Abstract: ...a reduced width relative to the broad portion and is adapted to extend through the **slot** of an identification **badge** to thereby mount the identification **badge** to the **elongate** portion. A **clip** is provided for attaching the identification holder to an item of clothing. A pair of ...

8/3,K/12 (Item 6 from file: 340)

DIALOG(R) File 340:CLAIMS(R)/US Patent

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2600589 9510818

C/SELF-LAMINATING POLYESTER DATA-TAG; LABELS OF TEAR RESISTANT POLYESTER WITH LOCKING GROMMETS AND PENCIL RECEPTIVE COATINGS

Inventors: Brewster Blair M (US)

Assignee: Permar Systems Inc

Assignee Code: 34367

	Kind	Publication Number	Date	Application Number	Date
	A	US 5411784	19950502	US 9341402	19930331
		(Cited in 004 later patents)			
Priority Applic:				US 9341402	19930331

Calculated Expiration: 20130331

Exemplary Claim: ...a non-conducting, strong, locking, two piece plastic snapgrommet less than about 200 mils (5 **mm**) thick mounted in said mounting **hole** for preventing substrate damage by the fastener and increasing pull strength to the data- **tag**, whereby the plastic snap-**grommet** securely locks on the data-tag and is hard to disassemble; a pencil receptive coating...

Non-exemplary Claims: ...mounting hole for receiving a fastener; a non-conducting, strong, locking, two piece plastic snap- **grommet** less than about 200 mils (5 **mm**) thick mounted in said mounting **hole** for preventing substrate damage by the fastener and increasing pull strength to the data- **tag**, whereby the plastic snap- **grommet** securely locks on the data-tag and is hard to disassemble; a pencil receptive coating...

8/3,K/13 (Item 7 from file: 340)

DIALOG(R) File 340:CLAIMS(R)/US Patent

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2045741 9010780

C/PIN FEED BADGE

Inventors: Haas David J (US)

Assignee: Unassigned Or Assigned To Individual

Assignee Code: 68000 (REASSIGNED - See file 123 for details)

	Kind	Publication Number	Date	Application Number	Date
	A	US 4925716	19900515	US 89296228	19890112
		(Cited in 020 later patents)			
Priority Applic:				US 89296228	19890112

Calculated Expiration: 20090112

Legal Status: **EXPIRED**

(See File 123 for legal status details)

Abstract: ...the badge to "peel" away from the carrier web without any adhesive remaining on the badge. The badge employed is relatively stiff, being formed of plastic material, and has an elongated slot formed on the upper central portion thereof so that the badge can be affixed to the person via a spring clip. A portion of the clip passes through the elongated slot to support the badge.

Non-exemplary Claims: 2. The apparatus of claim 1, wherein the means for affixing the badge to a wearer includes an elongated slot formed therein for receiving a clip for affixing the badge to the wearer...

8/3,K/14 (Item 8 from file: 340)

DIALOG(R) File 340:CLAIMS(R)/US Patent

(c) 2003 IFI/CLAIMS(R). All rts. reserv.

1875475 2840186

M/MAIL BAG TAG

Inventors: FAST JACOB (US)

Assignee: UNASSIGNED OR ASSIGNED TO INDIVIDUAL

Assignee Code: 68000

	Kind	Publication Number	Date	Application Number	Date
	A	US 4766683	19880830	US 875898	19870121
Cont.-in-part of:		ABANDONED		US 85777337	19850918
		ABANDONED		US 86841302	19860319
Priority Applic:				US 875898	19870121
				US 85777337	19850918
				US 86841302	19860319

Calculated Expiration: 20050918

Legal Status: **EXPIRED**

(See File 123 for legal status details)

Exemplary Claim: ...adjacent attachment portion at one end of the body portion, a pair of substantially parallel elongate slots in the attachment portion for threading the tag on the strap, and the tag further including a flexible sidearm at the side of the attachment portion with a free...

8/3,K/15 (Item 9 from file: 340)

DIALOG(R) File 340:CLAIMS(R)/US Patent

(c) 2003 IFI/CLAIMS(R). All rts. reserv.

1428202 2241194

M/GOLF SCORE CARD AND PENCIL HOLDER

Inventors: DARNELL RANDOLPH G (US)

Assignee: UNASSIGNED OR ASSIGNED TO INDIVIDUAL

Assignee Code: 68000

	Kind	Publication Number	Date	Application Number	Date
	A	US 4361934	19821207	US 80176927	19800811
		(Cited in 008 later patents)			
Priority Applic:				US 80176927	19800811

Calculated Expiration: 20000811

Abstract: ...and pencil holder is disclosed including a main body portion in the form of a **tag** provided with a loop, an **elongated** cord laced through **holes** provided in the main body portion, a split ring linked with the loop, an alligator **clip** attached to one end of the cord, and a flexible grommet attached to the other...

8/3,K/16 (Item 10 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

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1285676 2037705

M/FISHING HOOK WITH ENCIRCLING HOLDER FOR LIVE BAIT

Inventors: FLOWERS DAVID E (US); FLOWERS GENE D (US)

Assignee: UNASSIGNED OR ASSIGNED TO INDIVIDUAL

Assignee Code: 68000

	Kind	Publication Number	Date	Application Number	Date
	A	US 4229901	19801028	US 78932046	19780807
		(Cited in 006 later patents)			
Priority Applic:				US 78932046	19780807

Calculated Expiration: 19980807

Non-exemplary Claims: ...two depending base legs and a rail extending generally horizontally between them; and the flexible **strap** being comprised of a **tag** -like generally triangular piece of flexible sheet material having a generally horizontally- **elongated** button **hole** **slot** formed therethrough near the lower extent thereof and having an upwardly extending apical region, the flexible **strap** further comprising a length of fishing line leader secured to said piece of flexible sheet...

8/3,K/17 (Item 11 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

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0267125 0542566

M/DISPLAY DEVICES AND MOUNTING MEANS THEREFOR

Inventors: WENDE ADOLPH H (N/A)

Assignee: SHURE MFG CORP

Kind	Publication Number	Date	Application Number	Date
A	US 3220125	19651123		
(Cited in 004 later patents)				

Calculated Expiration: 19821123

Exemplary Claim: ...THE OUTWARDLY PRESENTED VERTICAL FACE OF THE SHEFLIKE ELEMENT, SAID SECOND FACE HAVING A SECOND **ELONGATED SLOT** WHICH IS SIZED FOR ACCOMODATING PRICE- **TAGS** , AND A **CLIP** HAVING LATERALLY PROJECTING FINGERS SLIDABLY DISPOSED IN SAID FIRST **ELONGATED SLOT** AND BEING SHIFTABLE TO ANY OF A PLURALITY OF POSITIONS, SAID PROJECTING FINGERS BEING DISPOSED...

8/3,K/18 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00463520 **Image available**

IDENTIFICATION CARD STRIP ASSEMBLY

SYSTEME DE BANDE DE CARTE D'IDENTIFICATION

Patent Applicant/Assignee:

TEMTEC INC,

Inventor(s):

HAAS David J,

HAAS Sandra,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9853984 A1 19981203

Application: WO 98US10686 19980527 (PCT/WO US9810686)

Priority Application: US 97866939 19970531

Designated States: AU CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Fulltext Word Count: 4927

Fulltext Availability:

Detailed Description

Detailed Description

... badge may be peeled away from the carrier web without any adhesive remaining on the **badge** . The **badge** employed is relatively stiff, being formed of plastic material, and has an **elongated slot** formed on the upper central portion thereof so that the **badge** can be affixed to the person via a spring **clip**

There are numerous other patents relating to identification cards and badges, methods of producing them...

8/3,K/19 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00148694 **Image available**

IMPROVED MAILBAG TAG

ETIQUETTE DE SAC POSTAL AMELIOREE

Patent Applicant/Assignee:

FAST Jacob,

Inventor(s):

FAST Jacob,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8805587 A1 19880728

Application: WO 87US3448 19871221 (PCT/WO US8703448)

Priority Application: US 87898 19870121

Designated States: AT AU BE CH DE FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 1548

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... 0325 + .0015 inch. At one

end, the card is provided with a pair of spaced **elongate slots** whereby the **tag** may be threaded onto a standard leather mailbag **strap** provided with an eye-type hasp and a hasp aperture, the card further including a...dimensions of the tag preferably are about 7" x 3".

-Neck portion 15 of the **tag** is formed with a pair of adjacent **elongate slots** 14 about 1" long and 1/8" wide for threading the **tag** onto the leather **strap** 16 of a standard Post Office mailbag 18. Adjacent the neck portion, **tag** 10 is formed with a flexible sidearm 20 parallel to **slots** 14, the sidearm being defined by a cutout 22 extending -from longitudinal edge 24 of...

Claim

... material having a body portion and an adjacent attachment portion, a pair of substantially parallel **elongate slots** in the attachment portion for threading the **tag** on the **strap**, and the **tag** further including a flexible sidearm adjacent the attachment portion for insertion through a hasp on the **strap** to provide a hasp lock.

2 The information tag as defined in Claim 1 wherein...

8/3,K/20 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013678933 **Image available**

WPI Acc No: 2001-163146/200117

XRPX Acc No: N01-119272

Mounting arrangement for tag sets length of hole to be equal to width of leg sides intersecting portion but less than width between ends of leg sides

Patent Assignee: MAX CO LTD (MAXM-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001002038	A	20010109	JP 99172259	A	19990618	200117 B

Priority Applications (No Type Date): JP 99172259 A 19990618

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001002038 A 4 B65C-007/00

Abstract (Basic):

... The leg sides (3) of the **clip** (1) pierce through an **elongated hole** (10), formed to the **tag** (2), at an intersecting manner. The length (L3) of the **hole** is equal to the width (L2) of the leg sides intersecting portion but less than...

8/3,K/21 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013099996 **Image available**

WPI Acc No: 2000-271867/200024

Related WPI Acc No: 2000-271957

XRPX Acc No: N00-203614

Animal identification tag whereby when pulled on by a significant force the tag will tear off through its emergency tear section, leaving the clip and portion of the tag in place

Patent Assignee: GRAJCZYK M D (GRAJ-I)

Inventor: GRAJCZYK M D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2233784	A1	19991202	CA 2233784	A	19980602	200024 B

Priority Applications (No Type Date): CA 2233784 A 19980602

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
CA 2233784 A1 E 10 A01K-011/00

Abstract (Basic):

... The **tag** has a flat identification panel (1) with a **rectangular hole** (4) at it's neck (3), through which an attachment **clip** is inserted before attaching to the animal. A stabilizing flap (2) perpendicular to the panel...

8/3,K/22 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

009158181 **Image available**

WPI Acc No: 1992-285618/199235

XRPX Acc No: N92-218597

Securing strip for vehicle door seal - with one-piece plastics moulding and attached fitting clips

Patent Assignee: MERCEDES-BENZ AG (DAIM)

Inventor: JAEGER H; LINK E; MUELLER A; POOS R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4105032	A	19920820	DE 4105032	A	19910219	199235 B

Priority Applications (No Type Date): DE 4105032 A 19910219

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
DE 4105032 A 3 B60J-010/08

...Abstract (Basic): The strip has a profile, with a lip at one edge of strength. The **tags** have **rectangular** profile shanks with outwards facing, rounded heads to **clip** into the mounting **holes** .

8/3,K/23 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

008297691 **Image available**
WPI Acc No: 1990-184692/199024
XRPX Acc No: N90-143541

Computerised processing of ID badges - has carrier web formed into sections via lateral perforation to allow removal of each section

Patent Assignee: HAAS D J (HAAS-I)
Inventor: HAAS D J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4925716	A	19900515	US 89296228	A	19890112	199024 B

Priority Applications (No Type Date): US 89296228 A 19890112

...Abstract (Basic): the badge to 'peel' away from the carrier web without any adhesive remaining on the **badge** . The **badge** employed is relatively stiff, being formed of plastics material and has an **elongated slot** formed on the upper central portion thereof so that the **badge** can be affixed to the person via a spring **clip** . A portion of the **clip** passes through the **elongated slot** to support the **badge** .

8/3,K/24 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

007609196
WPI Acc No: 1988-243128/198835
XRPX Acc No: N88-184929

Closure tag for pouring container - has fold-back tag with tag end clipped into slit

Patent Assignee: HENKEL KGAA (HENK)
Inventor: WIENAND F
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3704540	A	19880825	DE 3704540	A	19870213	198835 B
DE 3704540	C	19890727				198930

Priority Applications (No Type Date): DE 3704540 A 19870213

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
DE 3704540 A 7

...Abstract (Basic): The edge of the **rectangular** carton container has a pouring **hole** covered by a **tag** (8) hinged at its upper edge (9) and with a release **tag** (11) over the edge of the carton. When opened the **tag** end is **clipped** into a slit (12) in the carton side above the pouring **hole** .

8/3,K/25 (Item 6 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

007586480
WPI Acc No: 1988-220412/198831
XRAM Acc No: C88-098383
XRPX Acc No: N88-168059

Information tag for mounting on mailbag strap - is of plastic sheet with slots for strap and side arm to fit hasp

Patent Assignee: FAST J (FAST-I)
Inventor: FAST J
Number of Countries: 012 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8805587	A	19880728	WO 87US3448	A	19871221	198831 B
US 4766683	A	19880830	US 875898	A	19870121	198837
AU 8811001	A	19880810				198845

Priority Applications (No Type Date): US 875898 A 19870121; US 85717337 A 19850918; US 86841302 A 19860319

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8805587	A	E	10		
Designated States (National): AU JP					
Designated States (Regional): AT BE CH DE FR GB IT LU NL					
US 4766683	A		4		

...Abstract (Equivalent): Information **tag** for a mailbag **strap** comprises a pair of parallel **elongate slots** in an attachment portion at one end of the body for threading the **tag** on the **strap** , and a flexible sidearm at the side of the attachment portion for insertion through a
...

8/3,K/26 (Item 7 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

003246754
WPI Acc No: 1982-A5185J/198248

Inserted nut - has C-shaped clip with recess for mounting plate and shoulder to engage threaded plate

Patent Assignee: CHEBOKSARY ELEC APP (CHEB-R)
Inventor: KOMISSAROV V A; KUDRYASHOV N G
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 898136	B	19820115				198248 B

Priority Applications (No Type Date): SU 2903364 A 19800403
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
SU 898136 B 3

...Abstract (Basic): simpler fitting and removal. This is achieved by the locking member being a C-shaped **clip** with inward bending tags and **elongated hole**. One of the tags has a shoulder to engage the plate and the other **tag**, a **slot**. The plate with the threaded **hole** has a side **slot** to engage the locking member shoulder. The **elongated hole** length is equal to **tag** height. Bul.2/ 15.1.82. (3pp)

8/3,K/27 (Item 1 from file: 492)

DIALOG(R)File 492:Arizona Repub/Phoenix Gaz
(c) 2002 Phoenix Newspapers. All rts. reserv.

11258180

YOUNG SHARKS FIND FOOD, PROTECTION IN COASTAL AREAS

Arizona Republic (AR) - Saturday, September 15, 2001

By: Knight Ridder Newspapers

Edition: Final Chaser Section: Front Page: A30

Word Count: 1,000

... checking its gender and looking for an umbilical scar. That helps him determine age.

He **measured** each shark, put a **hole** in the dorsal fin with a leather punch and put it a **tag**.

Next to him, Catherine Riley recorded the data. Then she **clipped** a tiny piece off each tailfin and put it in a test tube. Other researchers...

Set	Items	Description
S1	72	AU=(DOERR C? OR DOERR, C?)
S2	29678	TAG? ? OR BADGE?
S3	402985	HANG? OR HOLDER?
S4	1360143	SLOT? OR HOLE? ?
S5	149086	STRAP? OR GROMMET? OR CLIP?
S6	1811883	DIMENSION? OR DIM OR MM OR CM OR INCH? OR MEASURE?
S7	1	S1 AND IC=G09F?
S8	2	S1 AND S2 AND S5
S9	431	S2 AND S4 AND S5
S10	50	S9 AND IC=G09F?
S11	4	S10 AND S6
S12	15	S10 AND (RECTANG? OR SIZE? OR ELONGATE?)
S13	17	S11 OR S12 OR S8

? show file

File 344:Chinese Patents Abs Aug 1985-2003/Mar

(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2003/Mar(Updated 030703)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200345

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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13/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014844638 **Image available**

WPI Acc No: 2002-665344/200271

XRPX Acc No: N02-526336

Clip e.g. for ID badges and passes, has opposing smooth convex surfaces under tension from coil spring

Patent Assignee: COMPREHENSIVE IDENTIFICATION PROD INC (COMP-N)

Inventor: BROSOFSKY R N; BURDITT J A; HYDE S M; RAIA R M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020083632	A1	20020704	US 2000234551	A	20000922	200271 B
			US 2001960639	A	20010921	

Priority Applications (No Type Date): US 2000234551 P 20000922; US 2001960639 A 20010921

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020083632	A1	11	G09F-003/16	Provisional application	US 2000234551

Abstract (Basic): US 20020083632 A1

NOVELTY - The Clothing Friendly (RTM) **clip** has two flat metal planes, each with one rounded end and opposing smooth convex surfaces connected so that they pivot about a common axis and form a jaw. A positioned multiple-turn coil-spring pressures the opposing convex surfaces together. Clothing between the two opposing pieces under tension is held in place.

USE - The **clip** is used to hold ID **badges**, cards, licenses, passes, security clearances, radiation exposure **badges** and other documents required to be attached to clothing.

ADVANTAGE - The **clip** minimizes damage to the clothing material. It has a simple convenient finger-operated system that is easily manufactured. Variable **hole** positions and diameters can be used to accommodate standard rivet or eyelet assembly in ID **badges** or name tags.

DESCRIPTION OF DRAWING(S) - The drawing shows a side view of the Clothing Friendly (RTM) **clip**.

pp; 11 DwgNo 1/9

Title Terms: **CLIP**; ID; **BADGE**; PASS; OPPOSED; SMOOTH; CONVEX; SURFACE; TENSION; COIL; SPRING

Derwent Class: P21; P85

International Patent Class (Main): **G09F-003/16**

International Patent Class (Additional): A41F-001/00

File Segment: EngPI

13/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014434292

WPI Acc No: 2002-254995/200230

Related WPI Acc No: 2001-610388

XRPX Acc No: N02-197069

Hand tag applying method for power supply cords, involves aligning tag having slot with strap applicator which ejects strap which secures tag to cable

Patent Assignee: DOERR C (DOER-I); HEPP A (HEPP-I); VOSS R J (VOSS-I)
Inventor: **DOERR C** ; HEPP A; VOSS R J
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US:20010049896 A1 20011213 US 2000506757 A 20000218 200230 B
US 2001771430 A 20010126

Priority Applications (No Type Date): US 2000506757 A 20000218; US
2001771430 A 20010126

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010049896	A1		15	G09F-003/10	Div ex application US 2000506757 Div ex patent US 6267152

Abstract (Basic): US 20010049896 A1

NOVELTY - The method involves aligning a hand **tag** having a **slot** with a **strap** applicator, and deploying the applicator so that a securement **strap** ejected from a reel passes through the **slot** and attaches the hand **tag** to a cable cord.

DETAILED DESCRIPTION - The securement **strap** is a cable tie. The **slot** is provided at a distance of more than 0.1 **inches** from any edge of hand **tag** and has a **rectangular** shape with a **dimension** of 0.25 **inches** -1 **inch** . INDEPENDENT CLAIMS are also included for the following:

- (a) Hand **tag** ;
- (b) Hand **tag** application machine

USE - For applying a hand **tag** automatically to power supply cord used in computer.

ADVANTAGE - By attaching the hand **tag** to cable cords, long-term cautionary information is provided to the consumers, thereby educating consumers as how to avoid serious injuries and deaths due to electrocution. The hand **tag** withstands long-term wear and tear in use while remaining fastened to the electrical cord due to the provision of the securement **strap** . Enables application of hand **tag** to a diverse range of electrical cord insulation easily and rapidly.

pp; 15 DwgNo 0/10

Title Terms: HAND; **TAG** ; APPLY; METHOD; POWER; SUPPLY; CORD; ALIGN; **TAG** ;
SLOT ; **STRAP** ; APPLY; EJECT; **STRAP** ; SECURE; **TAG** ; CABLE

Derwent Class: P52; P85; X12

International Patent Class (Main): **G09F-003/10**

File Segment: EPI; EngPI

13/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014126178 **Image available**

WPI Acc No: 2001-610388/200170

Related WPI Acc No: 2002-254995

XRPX Acc No: N01-455589

Automatic hang tag securing method for electric cords, involves passing tail portion of securement strap through aperture of head portion of strap and slot of tag and winds tail portion around cord, in tensile state

Patent Assignee: WISCONSIN LABEL CORP (WISC-N)

Inventor: **DOERR C** ; HEPP A; VOSS R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6267152	B1	20010731	US 2000506757	A	20000218	200170 B

Priority Applications (No Type Date): US 2000506757 A 20000218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6267152	B1	14	B21F-009/02	

Abstract (Basic): US 6267152 B1

NOVELTY - Hang **tag** (78) is aligned with hand tool (26).
Securement **strap** is ejected from hand tool in such a way that tail portion (92) of **strap** passes through aperture of head portion (90) of **strap** and slot of **tag**. The tail portion is automatically wound around cord (82), in tensile state, in order to secure the **tag** to the cord.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for hang **tag** securing apparatus.

USE - For electrical cords such as cord set, power supply cord.

ADVANTAGE - The securing of hang **tag** informs consumer as to how to avoid serious injuries and deaths related to shock. The hang **tag** is reliably secured to cord, with standing wear and tear. The hang **tag** is inexpensive and easy to apply, thereby increasing productivity.

DESCRIPTION OF DRAWING(S) - The figure shows the perspective view of hang **tag** securing apparatus.

Hand tool (26)
Hang **tag** (78)
Cord (82)
Head portion (90)
Tail portion (92)
pp; 14 DwgNo 10B/10

Title Terms: AUTOMATIC; HANG; **TAG**; SECURE; METHOD; ELECTRIC; CORD; PASS; TAIL; PORTION; SECURE; **STRAP**; THROUGH; APERTURE; HEAD; PORTION; **STRAP**; SLOT; **TAG**; WIND; TAIL; PORTION; CORD; TENSILE; STATE

Derwent Class: P52; X12

International Patent Class (Main): B21F-009/02

File Segment: EPI; EngPI

13/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

014074636 **Image available**

WPI Acc No: 2001-558849/200163

XRPX Acc No: N01-415354

Price tag holder, fitted to steel tube framework for vending display for newspapers and magazines, has spring clips engaging tubes

Patent Assignee: DRAGON & CO WERBEMITTEL GMBH HANS (DRAG-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20103674	U1	20010830	DE 2001U2003674	U	20010302	200163 B

Priority Applications (No Type Date): DE 2001U2003674 U 20010302

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 20103674	U1	10	G09F-007/18	

Abstract (Basic): DE 20103674 U1

NOVELTY - The price **tag** may be a flat **rectangular** sheet of

metal, plastics etc. It is mounted between two vertical steel tubes on the framework. A spring **clip** is fastened to either side of the **tag** .

DETAILED DESCRIPTION - Each **clip** has a flat portion (9), with a small **hole** for fastening to the **tag** . The **clip** has a curved section (7) passing the slightly more than 180 degrees. There is a narrow protruding lip (10) on the end of the curved portion opposite the fastening portion. The whole **clip** has an asymmetrical omega-section.

USE - Price **tag** fixing for steel-tube framework for vending display of newspapers and magazines.

ADVANTAGE - Price **tag** is easily **clipped** on tubes and removed.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of a fastening **clip** .

Curved section of **clip** (7)

Flat fastening portion of **clip** (9)

Narrow protruding lip (10)

pp; 10 DwgNo 1/9

Title Terms: PRICE; **TAG** ; HOLD; FIT; STEEL; TUBE; FRAMEWORK; VENDING;

DISPLAY; NEWSPAPER; MAGAZINE; SPRING; **CLIP** ; ENGAGE; TUBE

Derwent Class: P85; Q61

International Patent Class (Main): **G09F-007/18**

International Patent Class (Additional): F16B-007/00

File Segment: EngPI

13/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013526091 **Image available**

WPI Acc No: 2001-010297/200102

XRPX Acc No: N01-007836

Connector device for rods to form display mobile

Patent Assignee: ALPLAS LTD (ALPL-N)

Inventor: HOOD C G

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2348461	A	20001004	GB 2000549	A	20000111	200102 B
GB 2348461	B	20030129	GB 2000549	A	20000111	200309

Priority Applications (No Type Date): GB 99626 A 19990112

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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GB 2348461	A		10	F16B-007/04	
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GB 2348461	B			F16B-007/04	
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Abstract (Basic): GB 2348461 A

NOVELTY - Device comprises a **clip** device with a bore and an open **slot** or channel to receive and retain a tube or rod in a mutually right angular configuration. The **clip** includes formations to allow connection with support filaments.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:

(1) a **clip** device comprising an **elongated** body with a transverse aperture to frictionally receive a rod or tube, a channel at right angles to the aperture into which a rod or tube may be snap engaged and lugs at each end with **slotted** apertures to receive hanging filaments; and

(2) a mobile made from a number of the **clip** devices described above and cards connected with filaments attached to formations on the

clips .

USE - Display mobiles for point of sale displays in shops or supermarkets.

ADVANTAGE - The mobile can be easily dismantled and flat packed for storage or transport, then easily reassembled by **clipping** rods into place. Even complex mobiles can be assembled easily and adjusted for balance from prefabricated components.

DESCRIPTION OF DRAWING(S) - The drawings show a mobile configuration and a perspective view of a **clip** .

Clips (1)

Tubes (2)

Attached filaments (3)

Tags (3a)

Display cards (4)

Body (10)

Bore (11)

Channel (13)

Detent (14)

Lugs (15,16)

pp; 10 DwgNo 2, 4/7

Title Terms: CONNECT; DEVICE; ROD; FORM; DISPLAY; MOBILE

Derwent Class: P85; Q61

International Patent Class (Main): F16B-007/04

International Patent Class (Additional): **G09F-019/02**

File Segment: EngPI

13/5/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011020907

WPI Acc No: 1996-517857/199651

Related WPI Acc No: 1997-371595

XRAM Acc No: C96-162562

XRPX Acc No: N96-436425

Laser printable reinforced data- tag system as electrical warning sign - comprises polyester substrate between male and female plastic snap-grommet flanges in mounting hole for fastener, for continuous printing

Patent Assignee: PERMAR SYSTEMS INC (PERM-N)

Inventor: BREWSTER B M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5573825	A	19961112	US 94275135	A	19940714	199651 B

Priority Applications (No Type Date): US 94275135 A 19940714

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5573825	A	12		

Abstract (Basic): US 5573825 A

A reinforced data- **tag** system which can be serially printed in a laser printer continuously for use in attaching to equipment to provide a warning to users comprises:

(i) a **rectangular** shaped sheet of a thermally stable, polyester substrate 3 - 7 mils, (0.075-0.175 **mm**) thick, for feeding through the laser printer, the substrate having a receiving coated layer for receiving toner images from the laser printer, the sheet having an array of tear lines for forming a matrix of **rectangular** shaped data-

tags having opposite ends and opposite sides and for enabling sepn. of the data- **tags** , where each of the data **tags** has a mounting **hole** extending through the substrate for receiving a reinforcer; and

(iii) non-conducting, locking, two-piece, plastic snap- **grommets** for individually mounting in the mounting **hole** for reinforcing the **hole** and receiving a fastener, each comprising:

(a) a male part comprising a flange and a locking projection for inserting into the female part, the locking projection having U-shaped **slot** (s) for enabling deflection of the projection and aiding insertion of the male part through the substrate mounting **hole** into the female part by hand; and

(b) a female part comprising a flange and a receiving portion for locking with the male locking projection; where:

(1) the assembled reinforced data- **tag** has the individual coated substrate sandwiched between the flanges of the male and female parts of the snap- **grommet** .

Also claimed are:

(A) a **rectangular** shaped, laser imprintable, reinforced data- **tag** ; and

(B) a data- **tag** matrix for use with a laser printer.

USE - Used as warning signs in an industrial environment, partic. in electrical situations.

ADVANTAGE - The data- **tags** can be serially printed in a laser printer continuously. A portion of each data- **tag** is reserved for receiving variable customised information. The tear lines allow sepn. of the individual data- **tags** without tearing the data- **tags** . The snap- **grommets** can be hand assembled and can accommodate a lock shank to lock the parts and the data- **tag** together securely. The assembled data- **tag** increases the pull-strength of the data- **tag** substrate.

Dwg.0/6

Title Terms: LASER; PRINT; REINFORCED; DATA; **TAG** ; SYSTEM; ELECTRIC; WARNING; SIGN; COMPRISE; POLYESTER; SUBSTRATE; MALE; FEMALE; PLASTIC; SNAP; **GROMMET** ; FLANGE; MOUNT; **HOLE** ; FASTEN; CONTINUOUS; PRINT
Derwent Class: A97; G05; P85; Q34
International Patent Class (Main): B65D-065/28
International Patent Class (Additional): **G09F-003/00**
File Segment: CPI; EngPI

13/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010503626 **Image available**

WPI Acc No: 1996-000577/199601

XPX Acc No: N96-000529

Shield holder with holder part and front flanges - consists of strip of material which has longer length than width and which can deform flexibly about transverse axis to greater extent than shield, with securement points on strip and shield, holder being made of metal or plastics

Patent Assignee: STELL T (STEL-I)

Inventor: STELL T

Number of Countries: 023 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4438928	C1	19951130	DE 4438928	A	19941031	199601 B
WO 9613824	A1	19960509	WO 95DE1464	A	19951018	199624
AU 9537408	A	19960523	AU 9537408	A	19951018	199635
EP 737347	A1	19961016	EP 95935347	A	19951018	199646
			WO 95DE1464	A	19951018	

EP 737347	B1	19980325	EP 95935347	A	19951018	199816
			WO 95DE1464	A	19951018	
DE 59501708	G	19980430	DE 501708	A	19951018	199823
			EP 95935347	A	19951018	
			WO 95DE1464	A	19951018	

Priority Applications (No Type Date): DE 4438928 A 19941031
Cited Patents: DE 3438588; FR 1216525; FR 2493009; GB 2093624

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing	Notes
DE 4438928	C1		4	G09F-007/18		
WO 9613824	A1 G		12	G09F-007/18		
Designated States (National): AU BR CA JP MX US						
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE						
AU 9537408	A			G09F-007/18	Based on patent	WO 9613824
EP 737347	A1 G		1	G09F-007/18	Based on patent	WO 9613824
Designated States (Regional): BE CH DE FR GB LI NL						
EP 737347	B1 G		5	G09F-007/18	Based on patent	WO 9613824
Designated States (Regional): BE CH DE FR GB LI NL						
DE 59501708	G			G09F-007/18	Based on patent	EP 737347
						Based on patent
						WO 9613824

Abstract (Basic): DE 4438928 C

The shield holder (1) consists of a strip of material which has a longer length than width and can deform flexibly about a transverse axis to a greater extent than the shield (2). The securement points on strip and shield are initially more wide spaced on the holder than on the shield. The holder is made of metal or plastics and is secured via U-shaped recesses which lie open to the holder edge.

The holder has frontal flanges (4,5) and e.g. rivet and **holes** (12) to locate the shield, and **clips** between shield and holder being another option. The holder has centre **holes** (8,9) and four bendable tabs (11) which open up when the holder is deformed to hold the shield, leaving a space between to thread carrying tape etc. through between them.

ADVANTAGE - The holder bends flexibly to locate **badge** via holder and shield **holes** and readily adapts to different shield **sizes**.

Dwg.1,2/6

Title Terms: SHIELD; HOLD; HOLD; PART; FRONT; FLANGE; CONSIST; STRIP; MATERIAL; LONG; LENGTH; WIDTH; CAN; DEFORM; FLEXIBLE; TRANSVERSE; AXIS; GREATER; EXTENT; SHIELD; SECURE; POINT; STRIP; SHIELD; HOLD; MADE; METAL; PLASTICS

Derwent Class: P85

International Patent Class (Main): G09F-007/18

File Segment: EngPI

13/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010480629 **Image available**

WPI Acc No: 1995-381950/199549

XRPX Acc No: N95-279715

Reflecting animal ear tag - includes rect. tag holder having integral channel-shaped top, bottom and side members, with ear attachment clip and rectangular rigid tag insert disposed within tag frame

Patent Assignee: BRISTOW C E (BRIS-I)

Inventor: BRISTOW C E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5461806	A	19951031	US 94276114	A	19940715	199549 B

Priority Applications (No Type Date): US 94276114 A 19940715

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5461806	A		8 G09F-003/00	

Abstract (Basic): US 5461806 A

The **tag** comprises a frame-like **tag** holder formed of resilient plastics. The holder is reflective to the visible light normally emitted by vehicular headlamps and the like. An ear attachment **clip** comprises a resilient U-shaped **clip** body integrally attached to the top of the holder.

A post having a pointed end extends inwardly from a second **clip** arm such that the post may engage with a **hole** through a first arm. The post also has a number of annular barbs whereby the post, and consequently the **tag**, is locked to the animal's ear after being driven therethrough. A removable **tag** insert is disposed within the frame and has surface properties to permit writing on it.

USE/ADVANTAGE - Reflecting animal ear **tag** to protect open range cattle against being struck by a vehicle at night by improving visibility of the cattle. The reflecting ear **tag** also provides an ear **tag** which may be used in the conventional manner to identify and record information about the cattle.

Dwg.2/8

Title Terms: REFLECT; ANIMAL; EAR; 1TAG ; **TAG** ; HOLD; INTEGRAL; CHANNEL; SHAPE; TOP; BOTTOM; SIDE; MEMBER; EAR; ATTACH; **CLIP** ; **RECTANGLE** ; RIGID ; **TAG** ; INSERT; DISPOSABLE; **TAG** ; FRAME

Derwent Class: P85

International Patent Class (Main): G09F-003/00

File Segment: EngPI

13/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010346647 **Image available**

WPI Acc No: 1995-247961/199533

XRPX Acc No: N95-192582

Marking tag for marking of trays supporting cables or pipes to identify what they carry - has two-part clip that fits transversely over tray with adjustable extension and has upright fitting onto clip to carry labels

Patent Assignee: SCHMITT GMBH LUDWIG (SCHM-N); SCHMITT GMBH SOC LUDWIG (SCHM-N)

Inventor: STEINBACH H

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2714993	A1	19950713	FR 94278	A	19940112	199533 B
EP 670567	A1	19950906	EP 94402910	A	19941216	199540
EP 670567	B1	19980422	EP 94402910	A	19941216	199820
DE 69409784	E	19980528	DE 609784	A	19941216	199827
			EP 94402910	A	19941216	

Priority Applications (No Type Date): FR 94278 A 19940112

Bode Akintola16-Jul-03

Cited Patents: DE 9213118; EP 493164

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2714993	A1		11	G09F-003/18	
EP 670567	A1 F		6	G09F-003/20	
Designated States (Regional): DE SE					
EP 670567	B1 F		7	G09F-003/20	
Designated States (Regional): DE SE					
DE 69409784	E			G09F-003/20	Based on patent EP 670567

Abstract (Basic): FR 2714993 A

The marking **tag** has a first part (2) that is fitted transversely over the tray (1), and has two lateral elastic tabs (6,7) that lock over the edge of the tray. The second part (3) of the **tag** fits between the first part and the top of the tray, lying transversely to the tray.

This second part is of flat, **elongated rectangular** annulus shape. The elastic tongues of the first part fit inside the hollow centre (12) of the second part. The second part has notches (14) regularly placed along the inner edges of its hollow centre. These notches can be engaged by a tongue (13) on the first part, locking the two parts transversely over the tray. A third part (4) fits in **slots** in the end of the second part, and has a flattened surface (5) to carry labels.

ADVANTAGE - Effective and easily used marking **tag** that allows marking of trays with generally 'U'-shaped profile but sides that carry no perforations.

Dwg.1/4

Title Terms: MARK; **TAG** ; MARK; TRAY; SUPPORT; CABLE; PIPE; IDENTIFY; CARRY ; TWO-PART; **CLIP** ; FIT; TRANSVERSE; TRAY; ADJUST; EXTEND; UPRIGHT; FIT; **CLIP** ; CARRY; LABEL

Derwent Class: P85; X12

International Patent Class (Main): **G09F-003/18 ; G09F-003/20**

International Patent Class (Additional): H01R-009/26; H02G-003/02;

H02G-003/04; H02G-003/26

File Segment: EPI; EngPI

13/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009214780 **Image available**

WPI Acc No: 1992-342200/199242

XRPX Acc No: N92-261002

Plastics key hanger with holder and label - has triangular part with suspension- hole , attached by film hinge, and two plates

Patent Assignee: RIEFFEL AG ROBERT (RIEF-N); RIEFFEL R (RIEF-I)

Inventor: RIEFFEL R; VOGELE E; VOGELE E; VOGELI E

Number of Countries: 019 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 508948	A1	19921014	EP 92810199	A	19920319	199242 B
AU 9214869	A	19921015	AU 9214869	A	19920413	199249
CA 2065767	A	19921013	CA 2065767	A	19920410	199301
US 5291768	A	19940308	US 92867830	A	19920410	199410
AU 650119	B	19940609	AU 9214869	A	19920413	199428
CH 684842	A5	19950113	CH 911091	A	19910412	199507
EP 508948	B1	19950301				199513
DE 59201495	G	19950406	DE 501495	A	19920319	199519

Priority Applications (No Type Date): CH 911091 A 19910412

Cited Patents: BE 570330; DE 4004394; GB 1193274; GB 2099062; NL 7901570;
US 3503235; US 4771897

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 508948	A1	G	7	A44B-015/00	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE					
US 5291768	A		6	E05B-019/24	
AU 650119	B			A44B-015/00	Previous Publ. patent AU 9214869
EP 508948	B1	G			
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE					
DE 59201495	G			A44B-015/00	Based on patent EP 508948
AU 9214869	A			A44B-015/00	
CA 2065767	A			G09F-003/00	
CH 684842	A5			E05B-019/00	

Abstract (Basic): EP 508948 A

The plastics key-hanger has a holder (1) in which is a **rectangular** part (10) containing a written label, and a triangular part (11) in which is a **hole** (2) to hang it by. The label-holder consists of two small plates (6,7) joined together by a film-hinge (9) so as to form a frame which can be **clipped** together round the label (5).

The key (4) is attached by an open strip (3) joined to one of the two plates (7) which hold, between them, the strip-free end (12). The inside of one of the two plates (7) has a wall (16) at right angles to the surface and which goes through the **hole** in the other plate when the plates are **clipped** together.

USE/ADVANTAGE - The compact, economically made and easily handled key-hanger can be hung from a key-holder strip.

Dwg.1/6

Title Terms: PLASTICS; KEY; HANGER; HOLD; LABEL; TRIANGLE; PART; SUSPENSION
; **HOLE** ; ATTACH; FILM; HINGE; TWO; PLATE

Derwent Class: P23; P24; P27; P85; Q47

International Patent Class (Main): A44B-015/00; E05B-019/24; **G09F-003/00**

International Patent Class (Additional): A45C-011/32; A47G-029/10

File Segment: EngPI

13/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008322923 **Image available**

WPI Acc No: 1990-209924/199027

XRFX Acc No: N90-163136

Ear tag assembly and applicator - has one piece moulded plastics identification member with number of radially extending indicia receiving lobes

Patent Assignee: IDENTIFICATION TECH (IDEN-N)

Inventor: AVEDON R B; HAYES N J

Number of Countries: 016 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9006570	A	19900614				199027 B
CA 2003995	A	19900531				199033
AU 9048087	A	19900626				199038

US 5024013 A 19910618 US 88277886 A 19881130 199127

Priority Applications (No Type Date): US 88277886 A 19881130

Cited Patents: EP 166485; FR 858267; GB 759383; US 335100; US 3595201; US 3952439; US 3979847; US 4718374

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9006570 A

Designated States (National): AU BR JP

Designated States (Regional): AT BE CH DE ES FR GB IT LU NL SE

Abstract (Basic): WO 9006570 A

The car **tag** has a one piece **tag** retaining member made of moulded material and it has a transverse **slot** . This is adapted to be located on one side of the animals ear. A one piece identification member is also made of a flexible plastic material.

It has a large identification part to be located on the other side of the animals ear. It is in vertical extending parallel relationship with the ear.

ADVANTAGE - Is resistant to damage from other logs. (31pp Dwg.No. 2/10

Title Terms: EAR; **TAG** ; ASSEMBLE; APPLY; ONE; PIECE; MOULD; PLASTICS;

IDENTIFY; MEMBER; NUMBER; RADIAL; EXTEND; INDICIA; RECEIVE; LOBE

Derwent Class: P14; P31; P85

International Patent Class (Additional): A01K-011/00; A01K-029/00;

A61B-017/00; **G09F-003/00**

File Segment: EngPI

13/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007586480

WPI Acc No: 1988-220412/198831

XRAM Acc No: C88-098383

XRPX Acc No: N88-168059

Information tag for mounting on mailbag strap - is of plastic sheet with slots for strap and side arm to fit hasp

Patent Assignee: FAST J (FAST-I)

Inventor: FAST J

Number of Countries: 012 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8805587	A	19880728	WO 87US3448	A	19871221	198831 B
US 4766683	A	19880830	US 875898	A	19870121	198837
AU 8811001	A	19880810				198845

Priority Applications (No Type Date): US 875898 A 19870121; US 85717337 A 19850918; US 86841302 A 19860319

Cited Patents: US 1540455; US 2721408; US 3706147; US 3721028; US 4121360; US 4597207; US 517456

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8805587 A E 10

Designated States (National): AU JP

Designated States (Regional): AT BE CH DE FR GB IT LU NL

US 4766683 A 4

Abstract (Basic): WO 8805587 A

Tag comprises a plastic sheet card with a body and an attachment

part with a pair of parallel slots for threading the **tag** on the **strap**. There is a flexible side arm adjacent the attachment part for insertion through a hasp on the **strap** to form a hasp lock. The sheet is pref 0.0325+/-0.0015 **inch** thick and of sufficient strength to support the wt. of a full mailbag. The side arm is pref., defined by a cutout (22) extending from a side edge of the **tag**, and is connected to the attachment part by a transverse neck with a crease so that the arm can be bent upwardly from the plane of the body.

USE/ADVANTAGE - As bar code carrier, maintains better position on bag, has improved readability, and can be used as handle to lift bag.
0/4

Title Terms: INFORMATION; **TAG**; MOUNT; MAILBAG; **STRAP**; PLASTIC; SHEET;
SLOT; **STRAP**; SIDE; ARM; FIT; HASP
Derwent Class: A97; P85
International Patent Class (Additional): **G09F-003/08**
File Segment: CPI; EngPI

13/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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007515585 **Image available**
WPI Acc No: 1988-149518/198822
XRPX Acc No: N88-114172

Support for name card - comprises rigid plate with edge channels and attachment points for suspension tag or upright support

Patent Assignee: NOVO-HEBONA ORGAN (NOVO-N)
Inventor: BALL H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2605127	A	19880415	FR 879943	A	19870715	198822 B

Priority Applications (No Type Date): DE 86U26932 U 19861010

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2605127	A		11		

Abstract (Basic): FR 2605127 A

The support comprises a flat plate (2) which includes, at a short distance from its upper edge (3), a small **rectangular slot** (4) arranged parallel to that edge. The **slot** may receive a hanging or attachment **strap**.

A spring tongue (7) is formed in a central opening (6) of the plate, projecting slightly to the rear of the plate. Retaining channels to hold a card etc. against the front of the plate are provided around three of its edges.

USE - Support for attachment to garment, display on table top, etc.
1/9

Title Terms: SUPPORT; NAME; CARD; COMPRISE; RIGID; PLATE; EDGE; CHANNEL;
ATTACH; POINT; SUSPENSION; **TAG**; UPRIGHT; SUPPORT
Derwent Class: P85
International Patent Class (Additional): **G09F-003/08**
File Segment: EngPI

13/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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007165602

WPI Acc No: 1987-162611/198723

XRAM Acc No: C87-067674

XRPX Acc No: N87-122074

Golf club head cover - comprises folded fabric panel and lining sewn along free side edges and end

Patent Assignee: SOLHEIM J A (SOLH-I)

Inventor: SOLHEIM K

Number of Countries: 003 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4667716	A	19870526	US 86821418	A	19860122	198723 B
GB 2185412	A	19870722	GB 86620954	A	19860829	198729
GB 2214821	A	19890913	GB 896754	A	19890323	198937
CA 1262923	A	19891114				198950
GB 2185412	B	19900411				199015
GB 2214821	B	19900411				199015

Priority Applications (No Type Date): US 86821418 A 19860122

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4667716	A	10		

Abstract (Basic): US 4667716 A

The head cover is made by superposing a **rectangular** lining upon a **rectangular** fabric panel, opt. with a cushioning layer between, folding the assembly to align the side edges and ends, and connecting the side edges and one end by a single seam. The cover is then everted. Opt. a loop is sewn into the closed end, and an identification **tag** is attached.

ADVANTAGE - Well-fitting cover is made by min. number of mfg. steps.

0/10

Title Terms: GOLF; CLUB; HEAD; COVER; COMPRISE; FOLD; FABRIC; PANEL; LINING ; SEW; FREE; SIDE; EDGE; END

Derwent Class: F07; P23; P36; P85

International Patent Class (Additional): A44B-011/28; A63B-055/00;

A63B-057/00; D05B-001/00; **G09F-003/08**

File Segment: CPI; EngPI

13/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004598690

WPI Acc No: 1986-102034/198616

XRPX Acc No: N86-074808

Identification clasp for belt - has Z-profile closure section to prevent accidental release of pivoted arms

Patent Assignee: AJENA SA (AJEN-N)

Inventor: MEFFRAY B L J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2569889	A	19860307				198616 B

Priority Applications (No Type Date): FR 8413389 A 19840829

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
FR 2569889 A 8

Abstract (Basic): FR 2569889 A

The clasp is an elastically deformable synthetic ring (1) that has a transverse **slot** (2) which allows the passage of the article to be identified and its placing inside the ring. There is a weakened point (5) opposed to the **slot** and easing ring opening. It has mountings for identification **tags** .

The ring has an **elongated rectangular** section roughly corresponding to that of the article to be identified. It has a front face (7), a rear face, and two smaller lateral faces (11).

USE - To identify belts, watch **straps** , or spectacle frame branches. (8pp Dwg.No 1/3)

Title Terms: IDENTIFY; CLASP; BELT; PROFILE; CLOSURE; SECTION; PREVENT; ACCIDENT; RELEASE; PIVOT; ARM

Derwent Class: P85

International Patent Class (Additional): G09F-003/02

File Segment: EngPI

13/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003035052

WPI Acc No: 1981-D5066D/198116

Tag for identifying hotel luggage - has columns of digits with sliding cursors positioned in notches to form room number and information on back

Patent Assignee: BOGRAND G (BOGR-I)

Inventor: BOGRAND G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2460514	A	19810227				198116 B

Priority Applications (No Type Date): FR 7917178 A 19790703

Abstract (Basic): FR 2460514 A

The **tag** has a **strap** or tie (2), used to secure it to the handle (3d) of a piece of luggage. A flat area (1) is printed with vertical rows (7a) of digits on one surface, usually numbers from 0 to 9.

An overlaying plastics cover provides a frame (7) for several cursors (8), one to each vertical row and sliding in **elongated slots** . Each cursor has a central aperture for viewing the number it covers and the hotel room number is found by their aggregate positions. Simple rack teeth are provided and the back of the **tag** carries any relevant information.

Title Terms: **TAG** ; IDENTIFY; HOTEL; LUGGAGE; COLUMN; DIGITAL; SLIDE; CURSOR; POSITION; NOTCH; FORM; ROOM; NUMBER; INFORMATION; BACK

Derwent Class: P85

International Patent Class (Additional): G09F-003/02

File Segment: EngPI

13/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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002120362

WPI Acc No: 1979-E0289B/197918

**Reversible and foldable identification tag - has elongated strap
extending from planar body with holes aligned when body is folded**

Patent Assignee: GRAVES J (GRAV-I)

Inventor: GRAVES J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4149329	A	19790417				197918 B

Priority Applications (No Type Date): US 78876261 A 19780209

Abstract (Basic): US 4149329 A

The **tag** includes a generally planar body which can be folded double along an axis so that either of two indicia can be displayed by reversing the fold. One of the messages is on one side and the other message is on the other side of the **tag**.

The body of the **tag** can be attached to the container by an **elongated strap** extending from one edge of the body and passing through a pair of aligned **holes** in the body which are generally symmetric with respect to the axis of folding. The **strap** has a barb-like protrusion at the end which facilitates insertion of the **strap** into the **holes** and resists removal of the **strap**.

Title Terms: REVERSE; FOLD; IDENTIFY; **TAG** ; **ELONGATE** ; **STRAP** ; EXTEND; PLANE; BODY; **HOLE** ; ALIGN; BODY; FOLD

Derwent Class: P85

International Patent Class (Additional): **G09F-003/14**

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